

Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: April 2-3, 2003

Reference No.: 2.5f.(1)
Information Item

From: ROBERT L. GARCIA
Chief Financial Officer

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Chief
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Ref: **INFORMATIONAL REPORT - EMERGENCY G-11 ALLOCATIONS**

SUMMARY:

Pursuant to the authority granted by Resolution G-11, State Highway Account and Federal Trust funds totaling \$7,117,118 have been allocated for fourteen (14) emergency construction projects described below and on the attached list.

Project # 1. In Humboldt County near Weitchpec at 0.7 mile east of Rube Ranch Creek Bridge. During the weekend of December 27-30, 2002 heavy rain caused a slip-out at the edge of the traveled way causing the pavement to crack. The stability of roadway was compromised and roadway was in imminent threat of complete failure. This project will place a rock buttress to support the roadway and prevent complete failure.

Project # 2. In Mendocino County near Elk at 1.5 miles south of the Navarro River. In December 2002, twenty (20) inches of rain fell along the Mendocino coast heavily saturating the subsurface of this section of highway. The whole roadway prism continued to move causing severe cracking and settlement in the southbound lanes. This project will install a rock buttress wall to support the slope on the west side, place an underdrain on the eastside to intercept subsurface water and reconstruct the damaged section of the highway.

Project #3. In Mendocino County near Elk, north of Greenwood Creek. In December 2002, record rainfall and high wind and surf caused severe coastal erosion along the Mendocino coast. At this highway location the edge of bluff eroded and migrated from 8 feet away to directly the edge of pavement severely undermining the southbound lane. This project will realign the highway away from the bluff and reconstruct drainage.

Project #4. In Mendocino County near Albion at 0.1 mile north of Little River Bridge. Heavy rainstorms and high wind and coastal tides in December 2002 and January 2003 eroded the highway at this location and threatened the collapse of the southbound lane. This project will install a rock buttress and reconstruct the slope, shoulder, structural section, and repair/replace guardrail as needed.

Project #5. In Mendocino County in the Town of Piercy. Initial emergency occurred last December 27, 2002 following heavy rains when a land slide caused the closure of Highway 271 and the weakening of the embankment supporting the shoulder of adjacent Highway 101. Prior to starting the repair work on the first slide, another slide occurred approximately 150 feet to the north. This supplemental covers repair costs on the second slide.

Project #6. In Colusa County approximately 20 miles west of Williams. The cut slope has been failing resulting in soil, including rock boulders, to roll onto the highway. Two sets of K-rails were set up to prevent large boulders from rolling onto the highway. The continued saturation of the slope can result in a complete slope failure and loss of highway. This project will remove all loose material, layback the slope, dispose of material, re-grade the slide area and apply erosion control measures.

Project #7. In El Dorado County approximately 0.8 mile west of Bridal Veil Falls Road. The December 2002 rainstorms weakened the soil on the steep cut slope at this location resulting in soil and large rock boulders rolling onto the traveled way. This project is for loose rocks/debris on the slope, laying back and rounding the cut slope, erosion control measures and the full reopening of Highway 50.

Project #8. In Sonoma County approximately 2.8 miles south of Fort Ross. Project was initiated January 2002 because of a slipout causing the roadway to settle over one foot and posing an imminent threat of roadway loss. The initial project was for slope grading and construction of a soil nail retaining wall. During construction, the soil conditions and the actual slide size resulted in the need for the first supplemental increase. This second supplemental is for project closeout and will pay for completing the soil nail wall, placing additional rock slope protection and repairing the road damaged by hauling trucks.

Project #9. In Santa Cruz County approximately 12 miles north of Santa Cruz at the highway bridge over Scott Creek. The storms of December 2002 and January 2003 caused severe bridge embankment loss undermining the highway. The initial project is for the reconstruction of the lost portion and placement of Rock Slope Protection (RSP) to prevent further erosion and repair drainage. The supplemental request is due to underestimation of the rock amount and trucking costs.

Project #10. In Santa Cruz County approximately 1 mile south of the San Mateo County line at Waddell Creek. The storms of December 15-20, 2002 caused severe ocean bluff erosion and loss of bridge abutment. Initial allocation was for the placement of Rock Slope Protection (RSP) at the bridge abutment. The first supplemental expanded the protection farther to preserve the vista area adjacent to the highway. The second supplemental is due to underestimation of the rock amount and trucking costs.

Project #11. In Santa Cruz County between Ben Lomond and Boulder Creek. Initial emergency occurred over one year ago when heavy rains in late 2001 caused a slip out on the east side of the highway posing a threat to highway stability. Initial project involved the realignment of the highway to the west and the repair of underground utilities that became exposed posing a severe environmental threat to the San Lorenzo River. This supplemental request is for the payment of the last invoice and to close out this contract.

Project #12. In Los Angeles County at the Commodore Schuyler Heim Bridge (Bridge #53-2618) in Long Beach. On November 1, 2002, both fender systems protecting the bridge bents (support towers) were destroyed by a tug boat operation. Clean up and repairs began immediately to protect the bridge supports under the initial allocation. As work progressed, the full extent of the damage (especially under water damage) became evident. This supplemental request is necessary to complete the full repairs, which involve pile driving, fender and catwalk construction.

Project #13. In San Bernardino County at various locations. On July 24, 2002, the Governor ordered State agencies to immediately launch the Child Abduction Regional Emergency (CARE) Alert (Amber Alert) system. The statewide inventory of Changeable Message Signs (CMS) relies on incandescent light sources. This project upgrades CMS to xenon or Light Emitting Diode technology to improve reliability and legibility. This project will upgrade CMS at eight locations.

Project #14. In San Bernardino County near Running Springs approximately 0.3 mile south of Live Oak Drive. On January 21, 2003, a sinkhole developed on the southbound shoulder. Inspection of the 24-inch drainage metal pipe located 36 feet below ground revealed a collapsed pipe with severe invert corrosion. Additional precipitation threatens additional soil loss and possible loss of the highway. This project will install a replacement culvert and abandon the old culvert.

BACKGROUND:

The California Transportation Commission (Commission) by Resolution G-11, as revised by Resolution G-94, Delegated to the Department of Transportation (Department) authority to allocate funds to correct certain situations caused by floods, slides, earthquakes, material failures, slipouts, unusual accidents or other similar events. This immediately allows the Department to begin corrective action in an emergency condition without waiting for the next Commission meeting to receive an allocation.

This authority is operative whenever such an event:

1. Places people or property in jeopardy.
2. Causes or threatens to cause closure of transportation access necessary for:
 - a. Emergency assistance efforts.
 - b. The effective functioning of an area's services, commerce, manufacture or agriculture.
 - c. Persons in the area to reach their homes or employment.
3. Causes either an excessive increase in transportation congestion or delay, or an excessive increase in the necessary distances traveled.

The G-11 Resolution also requires the Department to notify the California Transportation Commission, at their next meeting, whenever such an emergency allocation has been made.

Attachment(s)

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
2.5f(1) Informational Report – Emergency G-11 Allocations				
1 \$260,000 Humboldt 01U-Hum-169 29.18	Near Weitchpec at 0.7 mile east of Rube Ranch Creek Bridge. During the weekend of December 27-30, 2002 heavy rain caused a slip-out at the edge of the travel way causing the pavement to crack. The stability of the roadway was compromised and the roadway was in imminent threat of complete failure. This project will place a rock buttress to support the roadway and prevent complete failure. Initial G-11 Allocation: 02/05/03:	444501 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$260,000 - \$260,000
2 \$300,000 Mendocino 01U-Men-1 38.65	Near Elk at 1.5 miles south of the Navarro River. In December 2002, 20 inches of rain fell along the Mendocino coast heavily saturating the subsurface of this section of highway. The whole roadway prism continued to move causing severe cracking and settlement in the southbound lanes. This project will install a rock buttress wall to support the slope on the west side, place an underdrain on the eastside to intercept subsurface water and reconstruct the damaged section of the highway. Initial G-11 Allocation: 02/04/03:	444301 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$300,000 - \$300,000
3 \$275,000 Mendocino 01U-Men-1 36.6	Near Elk, north of Greenwood Creek. In December 2002, record rainfall and high wind and surf caused severe coastal erosion along the Mendocino coast. At this highway location the edge of bluff eroded and migrated from 8 feet away to directly the edge of pavement severely undermining the southbound lane. This project will realign the highway away from the bluff and reconstruct drainage. Initial G-11 Allocation: 02/05/03:	445001 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$275,000 - \$275,000
4 \$460,000 Mendocino 01U-Men-1 48.18	Near Albion at 0.13 mile north of Little River Bridge. Heavy rainstorms and high wind and coastal tides during last December and January eroded the highway at this location and threatened the collapse of the southbound lane. This project will rock buttress and reconstruct the slope, shoulder, structural section, and repair/replace guardrail as needed. Initial G-11 Allocation: 02/19/03:	445801 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$460,000 - \$460,000

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
5 \$200,000 Mendocino 01U-Men-271 20.5	In theTown of Piercy. Initial emergency occurred last December 27, 2002 following heavy rains when a land slide caused the closure of Highway 271 and the weakening of the embankment supporting the shoulder of adjacent Highway 101. Before work started on this slide, another slide occurred approximately 150 feet to the north. This supplemental covers repair costs on the second slide. Initial G-11 Allocation: 01/10/03: \$300,000 Supplemental Allocation: 02/19/03 \$200,000 Revised Allocation (G-11): \$500,000	443801 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$200,000 - \$200,000
6 \$600,000 Colusa 03U-Col-20 2.5	Approximately 20 miles west of Williams. The cut slope has been failing resulting in soil, including rock boulders, to roll onto the highway. Two sets of K-rails were set up to prevent large boulders from rolling onto the highway. The continued saturation of the slope can result in a complete slope failure and loss of highway. This project will remove all loose material, layback the slope, dispose of material, re-grade the slide area and apply erosion control measures. Initial G-11 Allocation: 01/27/03: \$600,000	4C3801 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$600,000 - \$600,000
7 \$350,000 El Dorado 03U-ED-50 36.4	Approximately 0.8 mile west of Bridal Veil Falls Road. The December 2002 rainstorms weakened the soil on the steep cut slope at this location resulting in soil and large rock boulders rolling onto the travel way. This project is for the removal of loose rocks/debris on the slope, laying back and rounding the cut slope, placement of erosion control measures and the full reopening of Highway 50. Initial G-11 Allocation: 01/24/03: \$350,000	4C5501 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$350,000 - \$350,000

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Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
11 \$6,118 Santa Cruz 05U-SCr-9 10.8	Between Ben Lomond and Boulder Creek. Initial emergency occurred over one year ago when heavy rains in late 2001 caused a slip out on the east side of the highway posing a threat to highway stability. Initial project involved the realignment of the highway to the west and the repair of underground utilities that became exposed posing a severe environmental threat to the San Lorenzo River. This supplemental request is for the payment of the last invoice and to close out this contract. Initial G-11 Allocation: 01/18/02: \$250,000 Supplemental Allocation: 02/18/03 \$6,118 Revised Allocation (G-11): \$256,118	0H6201 SHOPP Emergency	2001-02 301-0042 301-0890 20.20.201.130 201/130	\$6,118 - \$6,118
12 \$1,300,000 Los Angeles 07U-LA-47 3.6	At the Commodore Schuyler Heim Bridge (Bridge #53-2618) in Long Beach. On November 1, 2002, both fender systems protecting the bridge bents (support towers) were destroyed by a tug boat operation. Clean up and repairs began immediately to protect the bridge supports under the initial allocation. As work progressed, the full extent of the damage (especially under water damage) became evident. This supplemental request is necessary to complete the full repairs, which involve pile driving, fender and catwalk construction. Initial G-11 Allocation: 11/11/02: \$900,000 Supplemental Allocation: 02/05/03 \$1,300,000 Revised Allocation (G-11): \$2,200,000	4J4701 SHOPP Emergency	2001-02 301-0042 301-0890 20.20.201.130 201/130	\$1,300,000 - \$1,300,000
13 \$332,000 San Bernardino 08U-SBd-10 Various	At various locations. On July 24, 2002, the Governor ordered State agencies to immediately launch the Child Abduction Regional Emergency (CARE) Alert (Amber Alert) system. The statewide inventory of Changeable Message Signs (CMS) relies on incandescent light sources. This project upgrades CMS to xenon or Light Emitting Diode technology to improve reliability and legibility. This project will upgrade CMS at eight locations. Initial G-11 Allocation: 02/19/03: \$332,000	0C9001 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$332,000 - \$332,000

Project # Amount County Dist-Co-Rte Postmile	Location Project Description Allocation History	EA Program	Budget Year Item # Program Codes	State Federal Total Amount
14 \$134,000 San Bernardino 08U-SBd-330 41.5	Near Running Springs approximately 0.3 mile south of Live Oak Drive. On January 21, 2003, a sinkhole developed on the southbound shoulder. Inspection of the 24-inch drainage metal pipe located 36 feet below ground revealed a collapsed pipe with severe invert corrosion. Additional precipitation threatens additional soil loss and possible loss of the highway. This project will install a replacement culvert and abandon the old culvert.	0E2401 SHOPP Emergency	2002-03 302-0042 302-0890 20.20.201.130 201/130	\$134,000 - \$134,000
	Initial G-11 Allocation: 02/04/03:			\$134,000